

**A CONDITION MANAGEMENT CALLBACK SYSTEM
AND METHOD OF OPERATION THEREOF**

ABSTRACT OF THE DISCLOSURE

A condition management callback system and method for use with a processor employing a hierarchical register consolidation structure. In one embodiment, the system includes: (1) a condition management structure, (2) a callback abstraction subsystem configured to register a callback for at least one element object in the condition management structure and store logically abstracted data associated with the callback and (3) an abstraction retrieval subsystem configured to employ the condition management structure to determine a condition of at least one status indicator in the condition management structure by traversing the hierarchical register consolidation structure, initiate the callback based on the condition and pass the logically abstracted data if the element object representing the status indicator has the callback registered.